NAVANEETH KRISHNAN

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Summary

Full-stack developer with 2+ years of experience building software for the people doing the actual work. Two of my apps are in daily use: a reporting tool on an automotive plant floor and a shop app for a collision repair shop. I work in Next.js, TypeScript, Supabase and the Claude API, and I'm a Google Cloud Certified Associate Cloud Engineer. Before code, I studied physics and anthropology.

Experience

IQ Automotive Services *Woodbridge* · **Dec 2025 – Present**

Quality Assurance Technician, placed at Hanon Systems

- Inspect and sort suspect automotive parts on a containment-sorting crew at a Tier 1 supplier's plant.
- Took over the site's daily sorting reports and hours for the customer and IQ, then built Sortlog to replace the Excel process (see Freelance).

Freelance Web Developer (part-time) *Toronto* · **Mar 2024 – Present**

- **Sortlog (for IQ Automotive Services):** built a paid reporting app that replaced one Excel workbook per part. Skid labels are photographed and read in the browser, with Claude Haiku as a fallback for damaged barcodes; workers' start and end times per part are worked out from skid hours; reports come out as PDF and live-formula Excel; Postgres row-level security keeps each company to its own sites. Used every shift since September 2026.
- **613 Automotive shop app:** built a paid app for a collision, paint and mechanical shop: estimate to paid, insurance splits, VIN decoding, a 46-item inspection on phones, and four printed documents, with all money worked out in one tested module. Designed the brand from their logo. In live testing.
- **Client portfolio sites** for two art directors (francisdes.com, eldhosekuriyan.com): a Next.js site on a free CMS the client edits, and a Framer site rebuilt in plain JavaScript.

Izanagi Events *Scarborough* · **Dec 2024 – Apr 2025**

Co-op Web Developer

- Full-time co-op placement through Humber's web development program. Built and maintained the company's Wix website, set up ticketing for two live events, and ran email campaigns and on-page SEO.

Projects

Amplifier: reference library and visual brief **2025; rebuilt Oct 2026**

- Built a tool for the small design studio I'm a partner in: Claude Sonnet scores reference images against a rubric the studio defines, and a private, phone-first brief learns what a client likes from their choices, not just their words.
- Wrote a deterministic, adaptive pair engine (each pair targets the least certain dimension; swapped repeats check consistency) and tested it with simulated clients: right side of each dimension 91–95% of the time.
- Generates a meeting prep page with said-vs-showed taste profile, contradictions picked by the numbers and worded by Claude, and a moodboard that pastes into Figma; Voyage embeddings in pgvector power similarity and duplicate checks.

Education

Humber Polytechnic **Jan 2024 – Apr 2025**
Postgraduate Diploma, Web Development *Etobicoke*

University of Hyderabad **Jul 2019 – Oct 2021**
MA, Anthropology *Hyderabad*

Central University of Tamil Nadu **Jul 2016 – May 2019**
BSc, Physics *Thiruvarur*

Skills

- **Languages:** TypeScript, JavaScript, SQL, HTML, CSS
- **Frontend:** React, Next.js, Astro, Tailwind CSS, Canvas API, Fabric.js
- **Backend and data:** Node.js, Supabase (Postgres, auth, row-level security, storage), REST APIs
- **AI and automation:** Claude API (vision, structured output), Voyage embeddings, pgvector, Gemini API, n8n
- **Documents and devices:** PDF (jsPDF), Excel (ExcelJS), barcode scanning in the browser, camera capture
- **Testing and deploy:** Vitest, Git, Vercel, Netlify, Cloudflare, Wix

Certifications

Google Cloud Certified, Associate Cloud Engineer **Jul 2026**